New York Academy of Sciences
Universita Cattolica del Sacro Cuore

Biological Membranes In Cancer Cells

June 13-16, 1988

Co-sponsored by:

The New York Academy of Sciences

Universita Cattolica del Sacro Cuore

Conference Co-Chairs:

Tommaso Galeotti, M.D.
Achille Cittadini, M.D.
Giovanni Neri, M.D.
—Universita Cattolica del Sacro Cuore

Antonio Scarpa, M.D., Ph.D.
—Case Western Reserve University

Location:

Le Tre Vaselle
06089 Torgiano
Perugia, Italy
tel. 075/98244
Telex 660189

Back of program for registration and hotel information

Source: https://www.industrydocuments.ucsf.edu/docs/qhvb0000

General Information

Organizing Secretariat - U.S.

The New York Academy of Sciences
2 East 63rd Street
New York, New York 10021
(212) 838-0230

Organizing Secretariat - Italy

Universita Cattolica del Sacro Cuore
Dept. General Pathology
School of Medicine
Largo Francesco Vito 1
00168 Roma, Italy
(06) 33.051

Location:

The Conference will be held at the "Le Tre Vaselle" Hotel, 06089 Torgiano, Perugia, Italy, tel. 075/982447, Telex 660189

Le Tre Vaselle combines charm and comfort in a village inn set amidst the vineyards of Umbria in central Italy renowned for traditional hospitality and fine cuisine. Torgiano, a short drive from Perugia and Assisi, is near the motorways which link Rome with Florence.

Official Language

The official language is English.

Registration Fees

BEFORE APRIL 1, 1988 $250 U.S.
AFTER APRIL 1, 1988 $300 U.S.

Registration Fees Include:

- Entrance to all Scientific Sessions
- Conference Materials
- Daily Coffee Breaks (AM/PM)
- Social Program (Excursion and Gala Dinner)

Special Student Fee:

$80 U.S.

Please Note:

Full-time students *only* may qualify to register at the special discount when registration form and fee are accompanied by letter from University Department Chairman. This fee does *not* include Social Program.

Accompanying Person(s) and Students

You are welcome to register for the Social Program by completing the Registration form and by making your check payable to Dr. Remo Vanzetti, Medicon Italia, Via Montorone 2, 00186 Rome, Italy in the amount of $80 + 18% tax per person.

This must be received *NOT LATER THAN MAY 20, 1988.*

Registration Fee:

Before April 1, 1988 $250; After April 1, 1988 $300; FULL TIME STUDENTS (verification required) $80; ACCOMPANYING PERSON(S) $80; SOCIAL FUNCTION TICKETS $80 for STUDENTS only.

No charge to Speakers (Presenting Authors Only).

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ACCME Credit

The New York Academy of Sciences is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

Credit

The New York Academy of Sciences designates this continuing medical education activity for 24.5 credit hours in Category I of the Physician's Recognition Award of the American Medical Association.

Officers of The New York Academy of Sciences

William T. Golden, D.Sc. (hon.), LL.D. (hon.), President
Walter N. Scott, M.D., Chair, Conference Committee
Heinz R. Pagels, Ph.D., Executive Director
Ellen A. Marks, Conference Director

Conference Theme:

The purpose of the conference is to provide new insight into the role of biological membranes in functional aspects of the cancer cell, carcinogenesis and cancer therapy, by combining different approaches, i.e., studies on 1) the biomedical implications of oxygen radicals, 2) the generation and role of ionic signals, 3) the interactions between growth factors, oncogene products and membrane receptors and 4) the therapeutic strategies involving membranes as targets. The conference will be attended by cell biologists, physiologists, biochemists, pharmacologists, molecular biologists and research-minded clinicians. This Conference was conceived as the third of a series of international meetings on the role of membranes in tumor growth. The rationale for these meetings was to have the cancer process dissected into its elementary molecular components by groups of experts who would exchange ideas and bridge the gaps that normally separate basic scientists from their clinically-oriented colleagues. We thought of membranes because we are convinced that they are central to the onset and development of this pathological process.

*Contributions Have Been Received From:

—Associazione Italiana Per La Ricerca Sul Cancro
—Ministry of Education of Italy
—National Research Council of Italy
—Catholic University School of Medicine, Rome
—Regione Lazio, Rome
—UNESCO, European Expert Committee Biomaterials, Geneva
—Beckman Analytical S.p.A.
—Flow Laboratories
—Merck Sharp and Dohme Res. Labs.
—Farmitalia Carlo Erba
—Aziende Chimiche Riunite Angelini
—Sigma-Tau Farmaceutici
—Cassa Risparmio di Roma

*Contributions received after the printing of this program will be acknowledged in the Abstract Booklet and in the Annal that will result from the Conference.

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Monday
June 13, 1988

Conference Chairmen:

Tommaso Galeotti, M.D., Achille Cittadini, M.D., Giovanni Neri, M.D.
Catholic University, School of Medicine,
Roma, Italy

Antonio Scarpa, M.D., Ph.D.,
Case Western Reserve University,
Cleveland, Ohio

8:00 AM—8:30 AM Registration

8:30 AM—8:40 AM

Greetings from the New York Academy of Sciences

8:40 AM—8:50 AM

Welcome Remarks

Dean E. Manni
Catholic University
Rome, Italy

8:50 AM—8:55 AM

T. Galeotti
Institute of General Pathology
Catholic University,
Rome, Italy

8:55 AM—9:00 AM

Organization of the Conference

A. Scarpa
Department of Physiology and Biophysics
Case Western Reserve University
Cleveland, Ohio, USA

Session I: Oxygen Radicals

Session Chair:
N. I. Krinsky
Department of Biochemistry and Pharmacology
Tufts University School of Medicine
Boston, MA, USA

9:00 AM—9:25 AM

1. Reduction of Radical Production by Mono and Multinuclear Oxidases: An Overview

B. Chance
Department of Biochemistry and Biophysics
University of Pennsylvania
Philadelphia, PA., USA

9:25 AM—9:50 AM

2. Membrane Antioxidants

N. I. Krinsky
Department of Biochemistry and Pharmacology
Tufts University School of Medicine
Boston, MA., USA

9:50 AM—9:55 AM Discussion

9:55 AM—10:20 AM

3. Metals and Membrane Lipid Damage by Oxy-Radicals

G. Minotti
Institute of General Pathology
Catholic University
Rome, Italy

10:20 AM—10:25 AM Discussion

10:25 AM—10:45 AM Coffee Break

10:45 AM—11:10 AM

4. Lipid Peroxidation in Cancer Cells: Chemical and Physical Studies

L. Masotti
Institute of Biological Chemistry
University of Parma
Parma, Italy.

11:10 AM—11:15 AM Discussion

11:15 AM—11:40 AM

5. Oxidative Stress and Cellular Differentiation

R. S. Sohal
Department of Biology
Southern Methodist University
Dallas, TX., USA

11:40 AM—11:45 AM Discussion

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11:45 AM—12:10 PM

6. Prooxidant States and Cancer Promotion

P. A. Cerutti
Department of Carcinogenesis
Swiss Institute for Experimental Cancer Research
Epalinges, Switzerland

12:10 PM—12:15 PM Discussion

12:15 PM—12:40 PM

7. Biological Membrane Models for DNA Damage by Oxygen Radicals

H. C. Birnboim
Ottawa Regional Cancer Centre
General Hospital Division
Ottawa, ONT., Canada

12:40 PM—12:45 PM Discussion

Afternoon Break and Poster Session

5:30 PM—5:55 PM

8. Free Radicals in Radiation and Chemical Carcinogenesis *In Vitro*

C. Borek
Department of Radiation Oncology
College of Physicians & Surgeons
Columbia University
New York, N.Y., USA

5:55 PM—6:00 PM Discussion

6:00 PM—6:25 PM

9. Phagocyte-Mediated Carcinogenesis

S. Weitzman
Department of Medicine
Hematology-Oncology Section
Northwestern University Medical School
Chicago, IL., USA

6:25 PM—6:30 PM Discussion

6:30 PM—6:55 PM

10. Oxygen Radicals in Quinone Toxicity

L. Ernster
Department of Biochemistry
Arrhenius Laboratory
University of Stockholm
Stockholm, Sweden

6:55 PM—7:00 PM Discussion

7:00 PM—7:25 PM

11. Radicals in Melanin Biochemistry

P. A. Riley
Department of Chemical Pathology
University College and
Middlesex School of Medicine
London, U.K.

7:25 PM—7:30 PM Discussion

7:30 PM—8:30 PM

12. Round Table Discussion

G. Rotilio
Department of Biology
II University of Rome
Rome, Italy

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Tuesday
June 14, 1988

Session II: Ionic Signals

Session Chair:

E. Carafoli
Department of Biochemistry
Swiss Federal Institute of Technology (ETH)
Zurich, Switzerland

8:30 AM—8:55 AM

13. Cell Calcium Homeostasis: An Overview

E. Carafoli

8:55 AM—9:20 AM

14. Calciosome: A New Cytoplasmic Organelle Dealing with Calcium Homeostasis in Non-Muscle Cells

J. Meldolesi
Department of Pharmacology
Centro CNR Citofarmacologia
Istituto S. Raffaele
Milano, Italy

9:20 AM—9:25 AM Discussion

9:25 AM—9:50 AM

15. Mitochondrial Atpase In Cancer Cells

S. Papa
Institute of Medical Biochemistry and Chemistry
University of Bari
Bari, Italy

9:50 AM—9:55 AM Discussion

9:55 AM—10:20 AM

16. Growth Factors and Ionic Signals

W. H. Moolenar
Hubrecht Laboratory
Dutch Embryological Institute
Utrecht, The Netherlands

10:20 AM—10:25 AM Discussion

10:25 AM—11:00 AM Coffee Break

11:00 AM—11:25 AM

17. Calcium and the Control of Cell Proliferation

J. F. Whitfield
Biological Sciences Division
National Research Council of Canada
Ottawa, ONT., Canada

11:25 AM—11:30 AM Discussion

Afternoon Break and Poster Session

5:30 PM—5:55 PM

18. Role of Calmodulin in the Modulation of the Calcium Signal

C. B. Klee
National Cancer Institute
National Institutes of Health
Bethesda, MD, USA

5:55 PM—6:00 PM Discussion

6:00 PM—6:25 PM

19. Magnesium and Cell Proliferation

M. E. Maguire
Department of Pharmacology
Case Western Reserve University
Cleveland, Ohio, USA

6:25 PM—6:30 PM Discussion

6:30 PM—6:55 PM

20. Inositol Phospholipid Signalling Cascades in Myclogenous Leukemia Cells

G. R. Dubyak
Department of Physiology and Biophysics
Case Western Reserve University
Cleveland, Ohio, USA

6:55 PM—7:00 PM Discussion

7:00 PM—8:00 PM

21. Round Table Discussion

A. Scarpa
Department of Physiology and Biophysics
Case Western Reserve University
Cleveland, Ohio, USA

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Wednesday
June 15, 1988

Session III: Therapeutic Strategies

Session Chair:

N. Sharon
Department of Biophysics
The Weizmann Institute of Science
Rehovot, Israel

8:30 AM—8:55 AM

22. Bone Marrow Transplantation: An Overview

Y. Reisner
Department of Biophysics
The Weizmann Institute of Science
Rehovot, Israel

8:55 AM—9:20 AM

23. Lectins in Tumor Cells

R. Lotan
Department of Tumor Biology
The University of Texas
M.D. Anderson Hospital
Houston, TX., USA

9:20 AM—9:25 AM Discussion

9:25 AM—9:50 AM

24. Targetting of Drugs To Membranes

M. Monsigny
Department of Biochemistry
Centre de Biophysique Moleculaire
CNRS and Universite' d'Orleans
Orleans, France

9:50 AM—9:55 AM Discussion

9:55 AM—10:25 AM Coffee Break

10:25 AM—10:50 AM

25. Therapeutic Strategies of Cell Killing

N. A. Berger
Ireland Cancer Center
Case Western Reserve University
Cleveland, OH., USA

10:50 AM—10:55 AM Discussion

10:55 AM—11:20 AM

26. Inhibition of Experimental Metastasis by Peptide Probes

K. Olden
Howard University
Cancer Center
Washington, DC., USA

11:20 AM—11:25 AM Discussion

11:25 AM—12:25 PM

27. Round Table Discussion

A. Caputo
Regina Elena Institute for Cancer Research
Rome, Italy

12:25 PM—1:30 PM Poster Session

Thursday
June 16, 1988

Session IV: Growth Factors and Oncogene Products

Session Chair:

R. Baserga
Department of Pathology
School of Medicine
Temple University
Philadelphia, PA., USA

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9:00 AM—9:25 AM

28. Genes of the Cell Cycle: An Overview

R. Baserga
Department of Pathology
School of Medicine
Temple University
Philadelphia, PA., USA

9:25 AM—9:50 AM

29. Transforming Growth Factor-Beta: Multifunctional Regulator of Cell Growth and Phenotype

L. Wakefield
National Cancer Institute
National Institutes of Health
Bethesda, MD., USA

9:50 AM—9:55 AM Discussion

9:55 AM—10:20 AM

30. Bombesin-Like Peptides as Regulators of Cancer Cell Growth

E. A. Sausville
National Cancer Institute
National Institutes of Health
Bethesda, MD., USA

10:20 AM—10:25 AM Discussion

10:25 AM—11:00 AM Coffee Break

11:00 AM—11:25 AM

31. The Structure and Function of Normal and Mutant EGF Receptors

M. D. Waterfield
Imperial Cancer Research Fund
London, UK

11:25 AM—11:30 AM Discussion

11:30 AM—11:55 AM

32. Oncogenes and Phosphatidylinositol Turnover

L. Cantley
Department of Physiology
School of Medicine
Tufts University
Boston, MA., USA

11:55 AM—12:00 PM Discussion

12:00 PM—12:25 PM

33. SIS Oncogene Activation and PDGF Expression in Cancer Cells

S. A. Aaronson
National Cancer Institute
National Institutes of Health
Bethesda, MD., USA

12:25 PM—12:30 PM Discussion

12:30 PM—12:55 PM

34. The Cellular SRC Gene Regulates Cell-To-Cell Communication and Growth

W. R. Loewenstein
Department Physiology and Biophysics
University of Miami
Miami, FL., USA

12:55 PM—1:00 PM Discussion

Lunch and Poster Session

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3:30 PM—3:55 PM

35. Role of Growth Factor Receptors in Oncogenesis

A. Ullrich
Department of Developmental Biology
Genentech, Inc.
South San Francisco, CA., USA

3:55 PM—4:00 PM Discussion

4:00 PM—4:25 PM

36. T-Cell Activation

S.F. Schlossman
Dana Farber Cancer Institute
Harvard Medical School
Boston, MA., USA

4:25 PM—4:30 PM Discussion

4:30 PM—4:55 PM

37. T-Cell Receptor Rearrangements In Human Leukemias

T.W. Mak
University of Toronto
Ontario Cancer Institute
Toronto, ONT., Canada

4:55 PM—5:00 PM Discussion

5:00 PM—6:00 PM

39. Round Table Discussion

G. Salvatore
Institute of General Pathology
University of Naples
Naples, Italy

6:00 PM—6:05 PM

Final Remarks

G. Neri
Institute of Biology and Genetics
University of Chieti
Chieti, Italy

Speakers:

Aaronson, S., 33
*Baserga, R., *, 28*
Berger, N., 25
Birnboim, H., 7
Borek, C., 8
Cantley, L., 32
Caputo, A., 27
*Carafoli, E., *, 13*
Cerutti, P., 6
Chance, B., 1
Cittadini, A.
Dubyak, G., 20
Ernster, L., 10
Galeotti, T., welcome remarks
Klee, C., 18
*Krinsky, N., *, 2*
Loewenstein, W., 34
Lotan, R., 23
Maguire, M., 19
Mak, T., 37
Manni, D., welcome remarks
Masotti, L., 4
Meldolesi, J., 14
Minotti, G., 3
Monsigny, M., 24
Moolenar, W., 16
Neri, G., final remarks
Olden, K., 26
Papa, S., 15
Reisner, Y., 22
Riley, P., 11
Rotilio, G., 12
Salvatore, G., 38
Sausville, E., 30
Scarpa, A., organization of the conference, 21
Schlossman, S., 36
*Sharon, N., **
Sohal, R., 5
Ullrich, A., 35
Wakefield, L., 29
Waterfield, M., 31
Weitzman, S., 9
Whitfield, J., 17

***Session Chairs:**

Session I - Krinsky, N.
Session II - Carafoli, E.
Session III - Sharon, N.
Session IV - Baserga, R.

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HOTEL PRICES

Cat	Name	Single Room bed and breakfast Lit.	Double Room bed and breakfast Lit.	Single Room half board Lit.	Double Room half board Lit.	every lunch or dinner for people not staying in this hotel: Lit.
*****	Le Tre Vaselle (Torgiano)	120.000	190.000	145.000	240.000	40.000

Cat	Name	Single Room bed and breakfast Lit.	Double Room bed and breakfast Lit.
****	Plaza (Perugia)	104.000	127.000
***	Park Hotel (Ponte S. Giovanni, 5 minutes drive from Torgiano)	65.000	85.000
**	Melody (Derota, 5 minutes drive from Torgiano)	40.000	65.000

Please send the total amount corresponding to the first night's stay by *Banker's Draft* in Italian Lire net of all bank charges, payable to Le Tre Vaselle, Torgiano, as a deposit to be deducted from your hotel bill, together with the accommodation form. With this form please enclose your cheque or receipt of your payment.

THE HOTEL RESERVATION IS GUARANTEED FOR PERSONS WHO HAVE SENT THE REQUIRED SUM BEFORE MARCH 31, 1988

Conference on Biological Membranes in Cancer Cells
Torgiano, June 13-16, 1988

Please use CAPITAL LETTERS and return this form before March 31, 1988 to:

LE TRE VASELLE
06089 Torgiano, Perugia, Italy

Surname _____

Name _____

Full Postal Address _____

_____

Accompanied by _____

Date of arrival _____ Date of departure _____

No. _____ of Nights

Please reserve in Hotel

1st choice _____

2nd choice _____

n. _____ single room n. _____ double room

Date _____

Signature _____

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Notes

To Register to this Conference please complete and return this form NOT LATER THAN:

MAY 20, 1988 to:

Dr. Remo Vanzetti — Medicon Italia
Via Monterone 2
00186 Rome, Italy
Tel. 06/6565291

I shall attend the Conference on "Biological Membranes in Cancer Cells," June 13-16, 1988 at Le Tre Vaselle, Torgiano, Perugia, Italy

Name_____

Surname _____

Degree_____ Affiliation_____

Mailing Address _____

City_____ State _____ Postal Code_____

Country_____ Tel. No._____

Only for Italian participants:

Date and Place of birth _____

Fiscal address _____

Codice Fiscale _____

Partita I.V.A _____

Accompanying Person(s) and Students registered for Social Program

Name(s) _____

—over—

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PLEASE CHECK APPROPRIATE BOX AND ENCLOSE REGISTRATION FEE MADE PAYABLE TO:

MEDICON ITALIA s.r.1.

Conference Registration:

- ☐ Postmarked before April 1, 1988 - U.S. $250
- ☐ Postmarked after April 1, 1988 - U.S. $300
- ☐ Student Registration - U.S. $80
- ☐ Accompanying person/Student- Social Program U.S. $80

Check Included for:

— Conference Registration US$.....

— Student Registration US$.....

— Social Program for Accompanying person/Student US$.....

TOTAL US$

Date _____

Signature _____

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